

STN	Textílie Skúšky stálofarebnosti Časť B06: Stálofarebnosť a starnutie na umelom svetle pri vysokých teplotách: Skúška xenónovou výbojkou (ISO 105-B06: 2020)	STN EN ISO 105-B06 80 0121
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Textiles - Tests for colour fastness - Part B06: Colour fastness and ageing to artificial light at high temperatures: Xenon arc fading lamp test (ISO 105-B06:2020)

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 09/20

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English Version

**Textiles - Tests for colour fastness - Part B06: Colour
fastness and ageing to artificial light at high temperatures:
Xenon arc fading lamp test (ISO 105-B06:2020)**

Textiles - Essais de solidité des coloris - Partie B06:
Solidité des coloris et vieillissement à la lumière
artificielle à hautes températures: Essai avec lampe à
arc au xénon (ISO 105-B06:2020)

Textilien - Farbechtheitsprüfungen - Teil B06:
Farbechtheit und Alterung gegen künstliches Licht bei
hohen Temperaturen: Prüfung mit der
Xenonbogenlampe (ISO 105-B06:2020)

This European Standard was approved by CEN on 7 June 2020.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN ISO 105-B06:2020 (E)

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European foreword

This document (EN ISO 105-B06:2020) has been prepared by Technical Committee ISO/TC 38 "Textiles" in collaboration with Technical Committee CEN/TC 248 "Textiles and textile products" the secretariat of which is held by BSI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by January 2021, and conflicting national standards shall be withdrawn at the latest by January 2021.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

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Endorsement notice

The text of ISO 105-B06:2020 has been approved by CEN as EN ISO 105-B06:2020 without any modification.

**INTERNATIONAL
STANDARD**

**ISO
105-B06**

Third edition
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**Textiles — Tests for colour fastness —
Part B06:
Colour fastness and ageing to artificial
light at high temperatures: Xenon arc
fading lamp test**

Textiles — Essais de solidité des coloris —

*Partie B06: Solidité des coloris et vieillissement à la lumière
artificielle à hautes températures: Essai avec lampe à arc au xénon*



Reference number
ISO 105-B06:2020(E)

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 38, *Textiles*, Subcommittee SC 1, *Tests for coloured textiles and colorants*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 248, *Textiles*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This third edition cancels and replaces the second edition (ISO 105-B06:1998), which has been technically revised. It also incorporates the Amendment ISO 105-B06:1998/Amd.1:2002.

The main changes compared to the previous edition are as follows:

- dates in normative references have been removed;
- flat array apparatus for testing has been introduced.

A list of all parts in the ISO 105 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Textiles — Tests for colour fastness —

Part B06:

Colour fastness and ageing to artificial light at high temperatures: Xenon arc fading lamp test

1 Scope

This document specifies a method for determining the colour fastness and ageing properties of all kinds and forms of dyed and printed textiles and/or other organic substrates under the action of an artificial light source representative of natural daylight (D65), and under the simultaneous action of heat. Of the five different sets of exposure conditions specified (see 7.1.1), four use D65, and the other one uses a somewhat lower cut-off wavelength. The test method gives special consideration to the light and heat conditions that occur in the interior of a motor vehicle.

The five different sets of conditions using the different optical filter systems specified can produce different test results. Results from tests performed using different apparatus (instrument types) for the same set of conditions and optical filter system are not comparable because comparable performance has not been validated.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 105-A01, *Textiles — Tests for colour fastness — Part A01: General principles of testing*

ISO 105-A02, *Textiles — Tests for colour fastness — Part A02: Grey scale for assessing change in colour*

ISO 105-A05, *Textiles — Tests for colour fastness — Part A05: Instrumental assessment of change in colour for determination of grey scale rating*

ISO 105-B02, *Textiles — Tests for colour fastness — Part B02: Colour fastness to artificial light: Xenon arc fading lamp test*

ISO 105-B05, *Textiles — Tests for colour fastness — Part B05: Detection and assessment of photochromism*

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